

FIG. 1

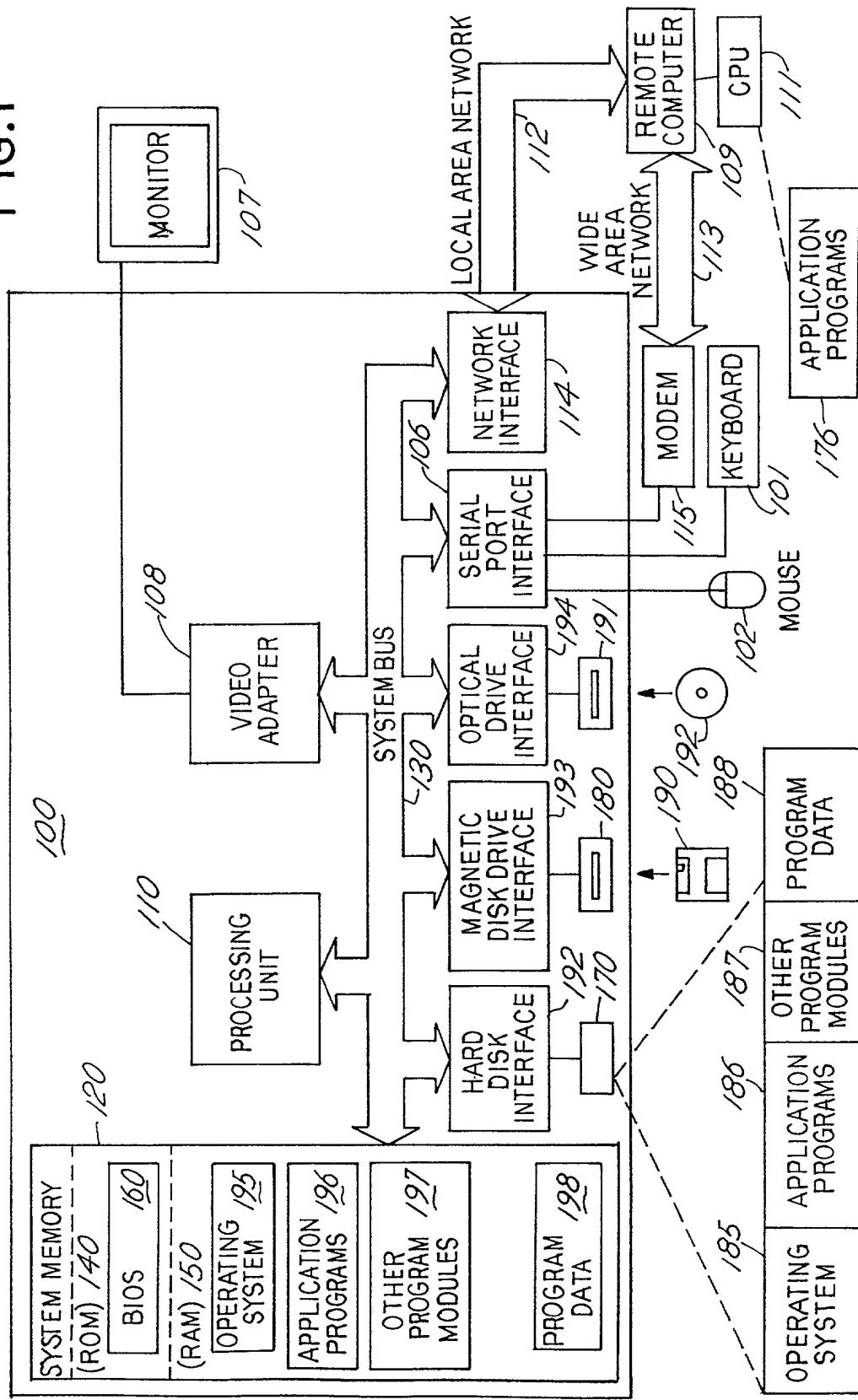
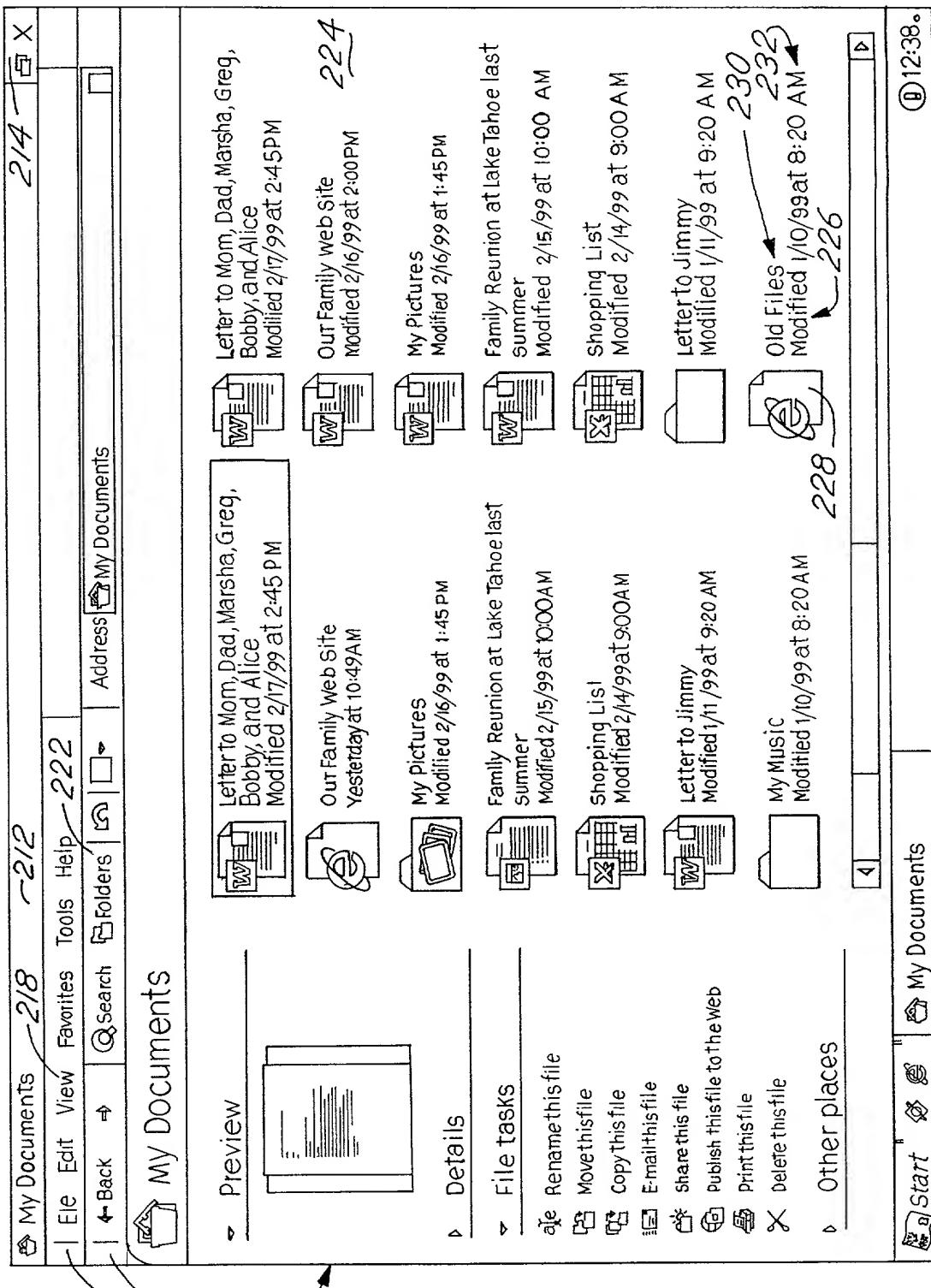


FIG. 2



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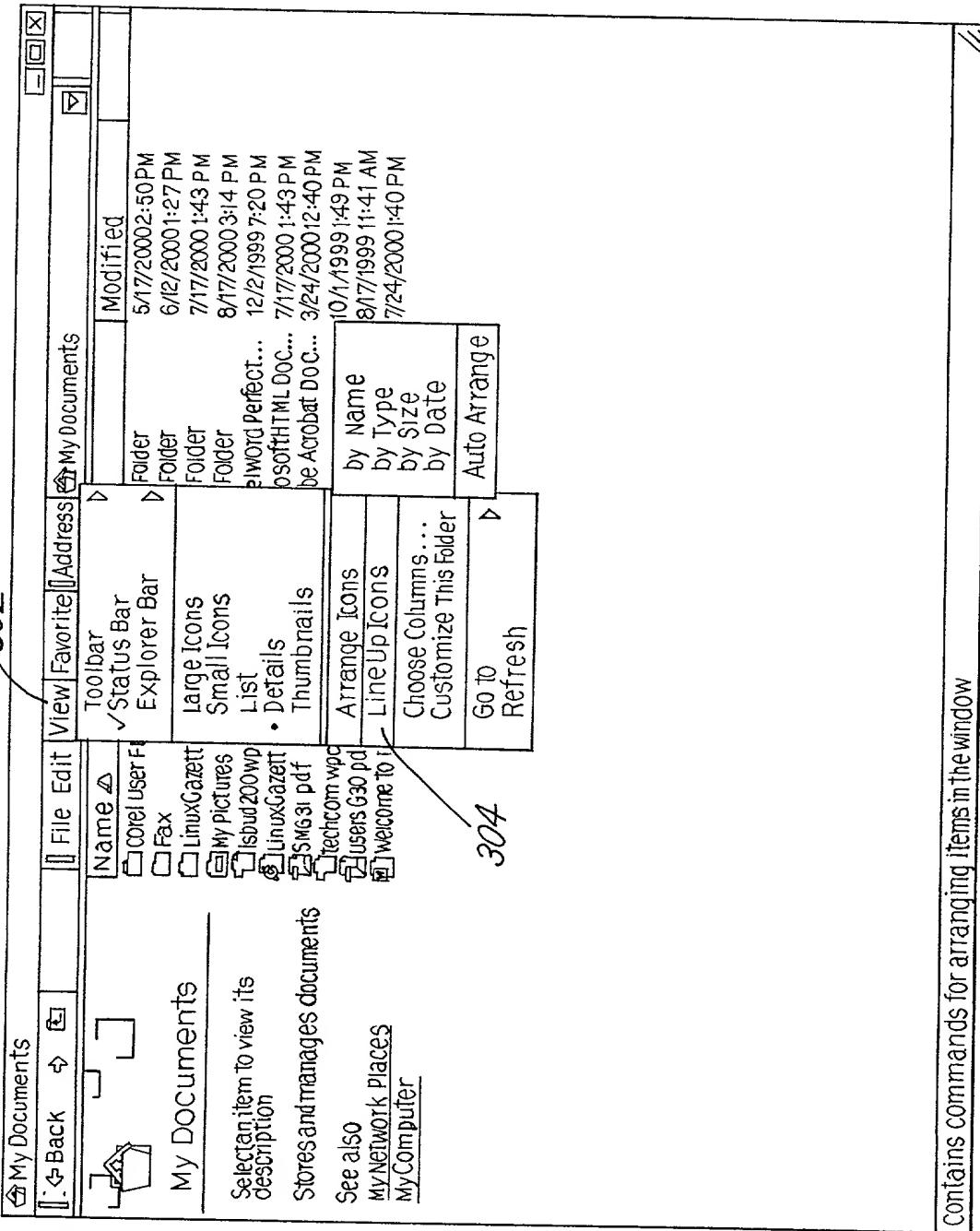
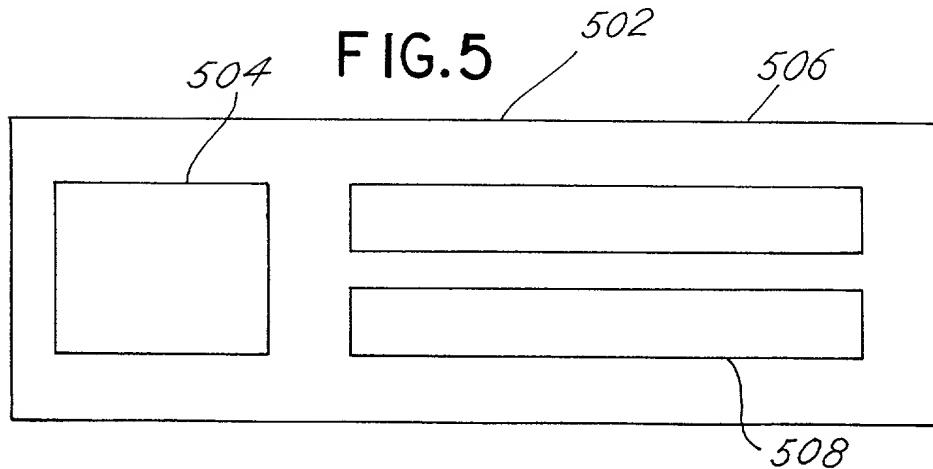
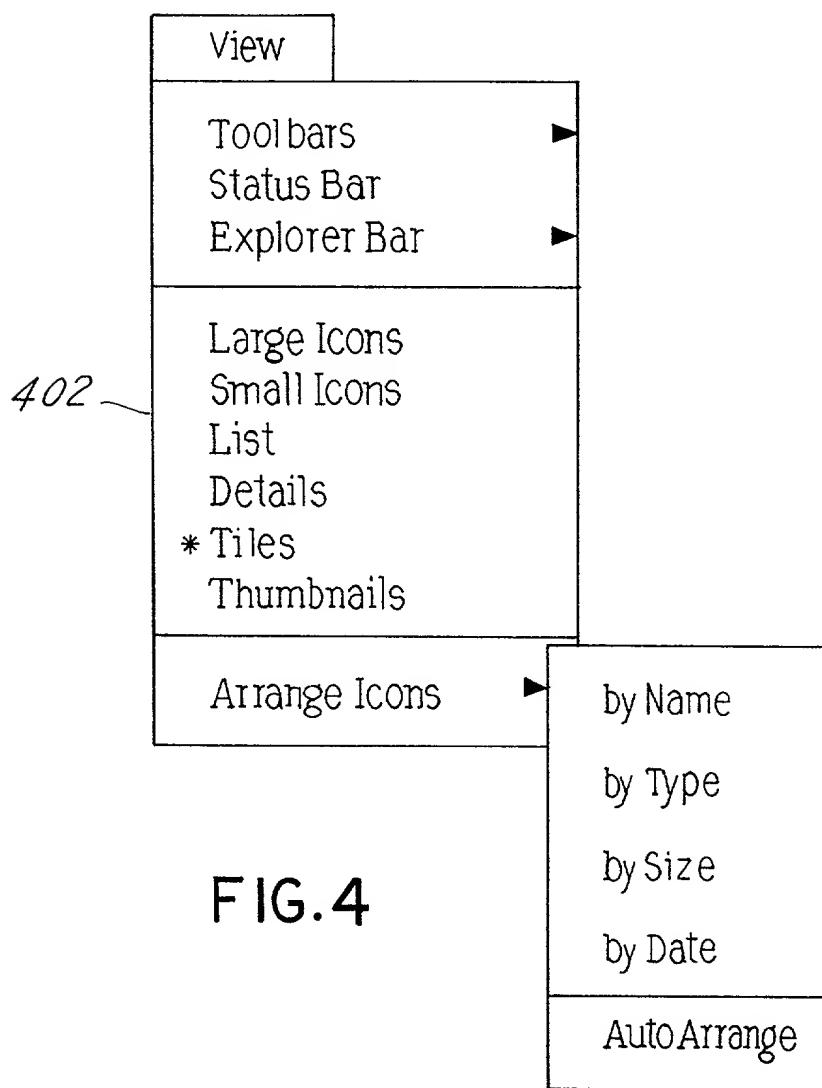


FIG.3



**FIG.6**

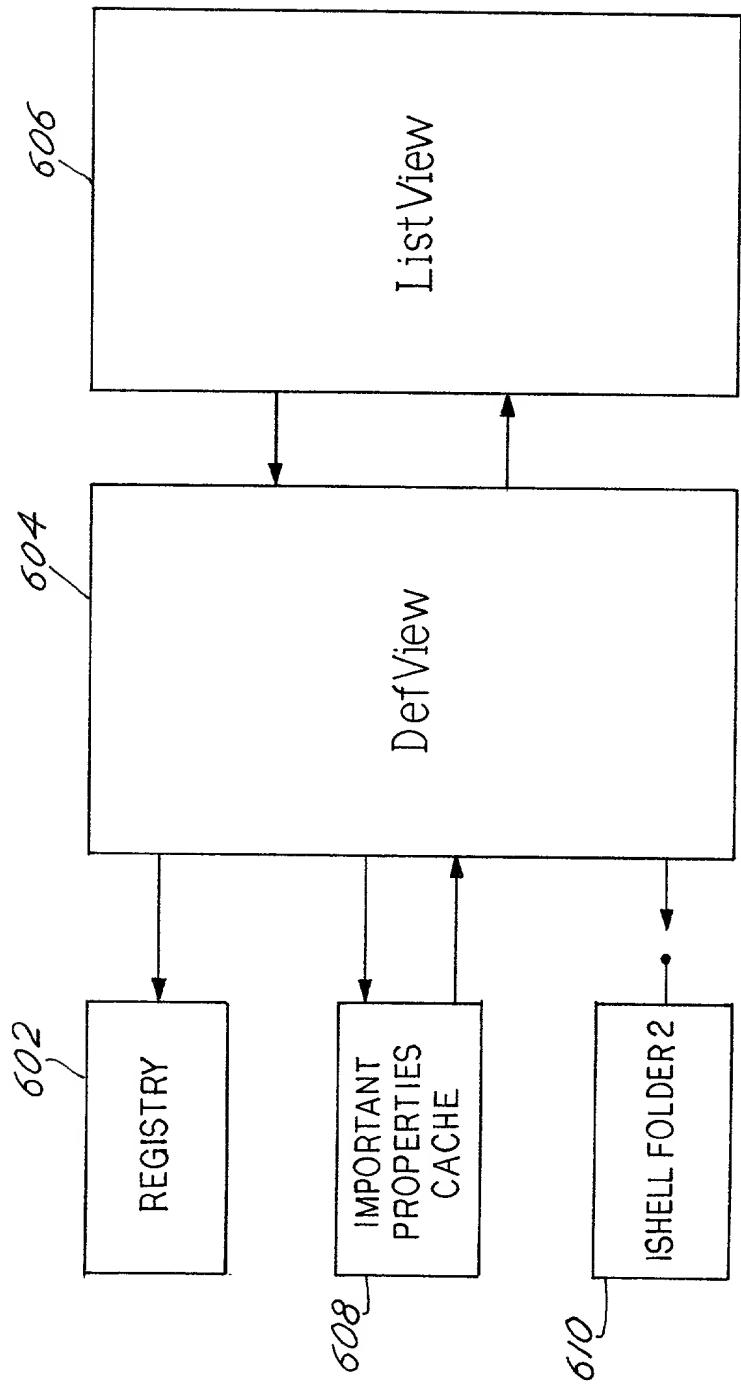


FIG. 7

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graph TD
    S1((START S1)) -- 702 --> S2((START S2))
    S2 -- 704 --> U[USER SWITCHES INTO TILE VIEW]
    U -- 706 --> L[LIST VIEW-TILE RELAYOUT]
    L -- 708 --> R[RECALCULATE EACH ITEM IF NECESSARY]
    R -- 710 --> D1{DOES TILEINFO EXIST FOR THIS ITEM?}
    D1 -- NO --> A1[ASK DEFVIEW FOR TILEINFO FOR THIS ITEM, DEFVIEW STARTS "IMPORTANT PROPERTY" EXTRACTION TASK S2]
    A1 -- 714 --> D2{DEFVIEW SAYS ZERO IMPORTANT PROPERTIES FOR NOW}
    D2 -- YES --> R
    D2 -- NO --> L
    D1 -- YES --> P[RETRIEVE VALUES FOR EACH PROPERTY (IF ANY) CONTINUE TO RECALCULATE / RELAY OUT]
    P -- 712 --> D2
    P -- 718 --> D3{LOOK IT UP IN THE REGISTRY}
    D3 -- NO --> S1
    D3 -- YES --> S3[STORE "IMPORTANT PROPERTIES" FOR THIS FILE TYPE IN THE CACHE]
    S3 -- 724 --> D3
    S3 -- 722 --> D3
    D3 -- 728 --> END((END))
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